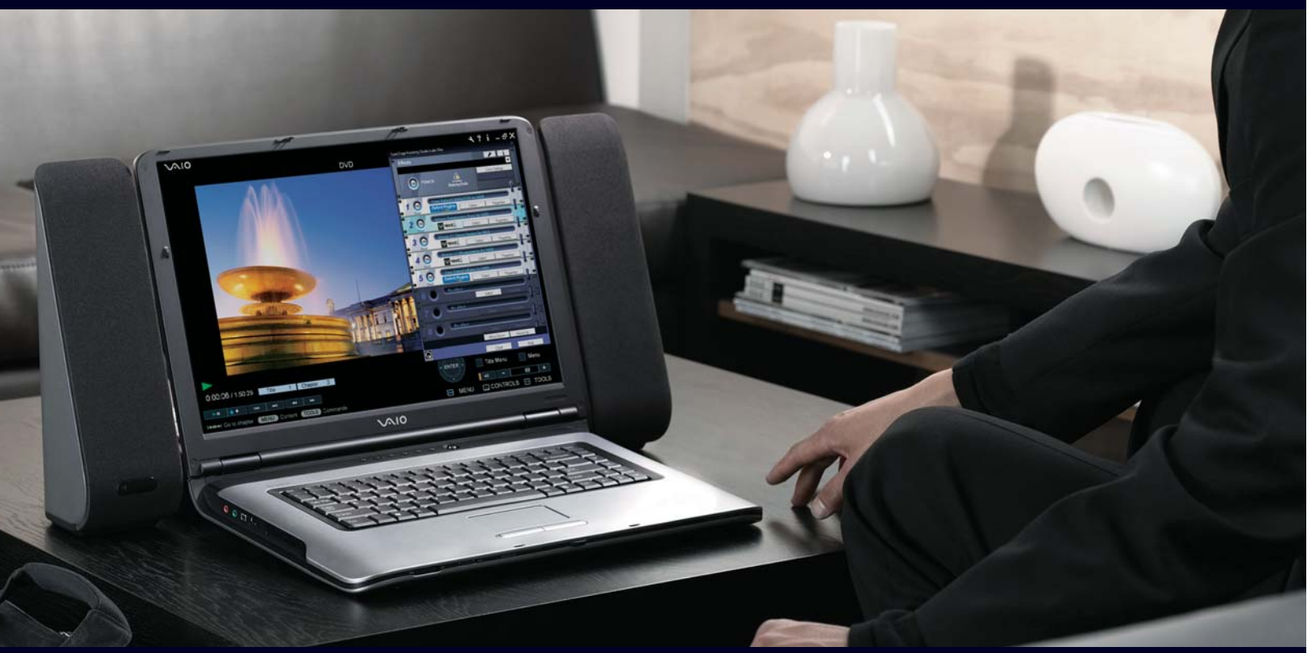
no more bounds

VGN-A59GP

AV Entertainment Mastery



VAIO A

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SONY

Sony recommends Microsoft® Windows® XP Professional.

Specifications

Model	VGN-A59GP
Platform	Intel® Centrino™ Mobile Technology • Intel® Pentium® M Processor 780 (2.26GHz)*1 • Intel® PRO/Wireless 2200BG Network Connection • Intel® 915PM Express Chipset
Operating System	Microsoft® Windows® XP Professional with Service Pack 2 (English version) Multilanguage User Interface (pre-installed Traditional Chinese)
Processor System Bus	533MHz
Memory Bus	533MHz
Cache Memory	L1 Cache: 64KB L2 Cache: 2MB (on CPU)
Main Memory	1GB DDR2 SDRAM*2 512MB × 2 (upgradeable up to 2GB)*3, 2 SO-DIMM slots (The pre-installed memory module uses two)
Hard Disk	100GB (C: 20GB, D: 80GB*4) Serial ATA, 5400rpm
Optical Drive	DVD±RW Drive (supporting DVD+R Double Layer disc)*5 Maximum reading speed: DVD+R, DVD-R, DVD-ROM: 8× / DVD+RW, DVD-RW: 6× / DVD+R DL (Double Layer): 4× / CD-RW, CD-R, CD-ROM: 24× Maximum writing speed: DVD+R, DVD-R, DVD+RW: 8× / DVD-RW: 6× / DVD+R DL (Double Layer): 4× / CD-R, CD-RW: 24×
Graphics Accelerator	• Dual display compatible • 3D graphics acceleration compatible • ATI Technologies Inc. MOBILITY™ RADEON® X600 256MB HyperMemory™*6 (PCI Express ×16 connection)
Video Memory	256MB*6 (shared with main memory)
Display	17.0" Wide (WUXGA: 1920 × 1200) TFT colour display (Clear Bright LCD: Dual Lamp, Wide View)
Interfaces	• USB 2.0 × 3*7 • i.LINK (IEEE 1394) S400 (4pin) • AV Out connector (NTSC/PAL compatible) • Network (RJ-45) connector (1000BASE-T/100BASE-TX/10BASE-T) • Headphone jack (stereo mini) • Microphone jack (stereo mini) • Monitor connector (VGA, D-SUB 15 pin) • Modular (RJ-11) connector • Port Replicator connector • Memory Stick Slot*8 (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible*9, High-speed data transfer compatible)
Wireless LAN	• Integrated Wireless LAN IEEE 802.11b/802.11g*10 • Intel® PRO/Wireless 2200BG Network Connection • Data rate: maximum 11Mbps (802.11b)/54Mbps (802.11g)*11 • Frequency: 2.4GHz
Modem	V.92 and V.90 Compliant
PC Card Slot	Type I/II × 1, CardBus Support
Audio	• Intel® High Definition Audio compatible • 3D audio (Direct Sound 3D support) • Built-in stereo speakers
Keyboard / Input Device	• ca 19mm Key pitch / ca 3mm Key stroke • 86 Keys • Intelligent Touchpad
Battery	PCGA-BP2EA*12 Lithium-ion battery: up to 2.0 hours of use*13
Dimensions (W × H × D)	405.5 × 42.2-45.2 × 280.1mm
Weight	3.96kg (including the supplied battery)
Software Applications	• Adobe Reader 7 • Adobe Photoshop Elements 3.0 (Installer) • Adobe Premiere Standard • Click to DVD 2.4 • DVgate Plus 2.1 • Norton Internet Security 2005 • Roxio DigitalMedia SE 7 • PictureGear Studio 2.0 • SonicStage 3.2 • SonicStage Mastering Studio 1.4 • SonicStage Mastering Studio Audio Filter 1.4 • VAIO Control Center 1.1 • VAIO Edit Components 5.0 • VAIO Media 4.1 • VAIO Original Screen Saver • VAIO Recovery Utility 2.5 • VAIO Update 2.1 • VAIO Zone 1.4 • VAIO Zone Remote Commander 1.3 • WinDVD 5 for VAIO
Supplied Accessories	• AC adapter (PCGA-AC19V7) • Lithium-ion battery (PCGA-BP2EA) • Remote Commander • Audio Port Replicator • Memory Card Adapter*8*14 • External Speakers
Port Replicator	Audio Port Replicator • DC IN connector • USB 2.0 × 4*7 • Network (RJ-45) connector (1000BASE-T/100 BASE-TX/10BASE-T) • Monitor connector (VGA, D-SUB 15 pin) • Printer port (D-SUB 25 pin) • DVI-D connector • Optical Out • Volume Control IN connector • Speaker Out connector • Audio IN connector • Audio Out connector • S-Video Out connector • Video Out connector
External Speakers	• S-Master Digital Amplifier maximum operational output 10W + 10W (6Ω) • 2 way bass reflex design stereo speakers (57mm cone woofer + 2mm balanced dome tweeter) • maximum input 15W/ch • operational frequency range 65-20kHz • volume control function • Infrared sensor for remote commander
Warranty	One year*15

Features and specifications are subject to change without notice.

*1 CPU speed will be reduced under certain operating conditions. *2 If memory modules of the same capacity are installed to both of the two memory module slots, computer will run in dual channel mode and provide better performance. *3 By removing two pre-installed 512MB memory modules and adding two 1GB memory modules. *4 Includes necessary data for recovery (setting back to initial shipment settings) in the hard disk drive consuming approximately 5GB in size. *5 This product is designed to playback discs that conform to the Compact Disc Digital Audio standard specifications (CD Standard). A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. Please be aware that the audio side (non-DVD side) of a DualDisc may not play on this product because it does not conform to the CD Standard. *6 HyperMemory™ is calculated as the cumulative total of local and system memory used by the Visual Processing Unit (VPU) intended for use in the processing and creation of 3D and other images. The amount of HyperMemory™ available is determined by the amount of local graphics memory and installed system memory. *7 High-speed/Full-speed/Low speed compatible. *8 Compatibility confirmed with Sony branded "Memory Stick" media only. *9 MagicGate copyright protection technology cannot be applied to Memory Stick PRO. *10 Deploying IEEE 802.11b and IEEE 802.11g products on the same wireless network may reduce the communication speed due to radio interference. Taking this into consideration, the IEEE 802.11g products are designed to reduce the communication speed to ensure communication with IEEE 802.11b products. When the communication speed is not as fast as expected, changing the wireless channel on the access point may increase the communication speed. *11 The communication speed varies depending on the distance between communication devices, existence of obstacles between such devices, the device configuration, the radio conditions, and the software in use. In addition, communication may be cut off depending on the radio conditions. *12 This product may only function with a genuine Sony battery designed for this model. *13 Estimated battery life (under JEITA Battery Run Time Measurement Method (ver.1.0).) When the power-saving mode is on. Actual battery life may vary with different operating conditions and settings. For further details, please visit vaio-online.sony.com *14 The adapter does not support 5.0V SmartMedia media or the ID function of SmartMedia media with IDs. The adapter does not support the SD Memory Card media copyright protection function. The adapter does not support memory cards with capacity of 2GB and over. As for "Memory Stick PRO" media, only Sony branded media is recommended to use with the adapter. *15 Warranty conditions may vary by region.

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Optional Accessories (availability depends on region)

VGP-WMS50
Wireless Presentation Mouse

- Wireless versatile mouse and presentation controller
- Horizontal and vertical scrolling
- Sensor resolution: 800 dots per inch

VGP-UMS50
USB Optical Mouse

- Stylish, easy-to-use sloping design
- Innovative PTFE sole for precise operation
- Sensor resolution: 800 dots per inch

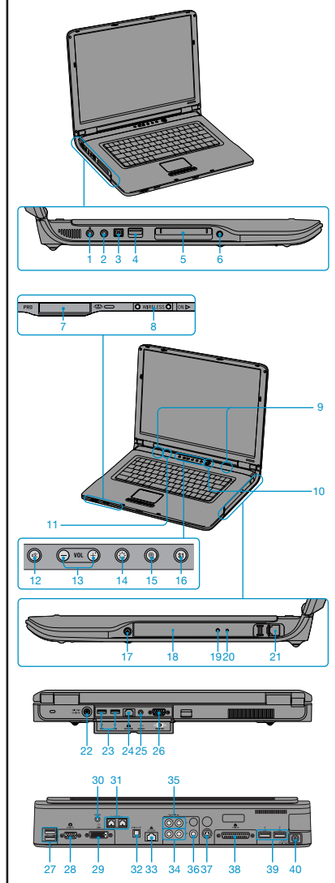
PCGA-BP2EA
Lithium-ion Battery

- Rechargeable battery

PCGA-AC19V7
AC Adapter

- Universal voltage compatible: AC100 – 240V

VGN-A59GP



1. Microphone jack (stereo mini)
2. Headphone jack (stereo mini)
3. i.LINK (IEEE1394) S400 (4 pin) connector
4. USB 2.0 connector
5. PC Card Slot (Type I/II × 1)
6. PC Card eject button
7. Memory Stick Slot (Standard/Duo Size, MagicGate, Memory Stick PRO, high-speed data transfer compatible)
8. Wireless LAN switch
9. Built-in stereo speakers
10. Power button
11. Luminous sensor
12. Mute button/indicator
13. Volume buttons
14. Brightness button/indicator
15. Magnify button
16. S1 button
17. Disc eject button
18. DVD±RW drive (supporting DVD+R Double Layer disc)
19. DVD±RW drive indicator lamp
20. Manual eject hole
21. Modular (RJ-11) connector
22. DC-IN connector
23. USB 2.0 connector (×2)
24. Network (RJ-45) connector (1000BASE-T/100BASE-TX/10BASE-T)
25. AV Out connector (NTSC/PAL compatible)
26. Monitor connector (VGA, D-SUB 15 pin)
27. USB 2.0 connector (×2)*
28. Monitor connector (VGA, D-SUB 15 pin)
29. DVI-D connector
30. Volume Control IN connector
31. Speaker Out connector
32. Optical Out
33. Network connector
34. Audio Out connector
35. Audio In connector
36. Video Out connector
37. S-Video Out connector
38. Printer port
39. USB 2.0 connector (×2)*
40. DC IN connector

* When VAIO A59GP is attached to the Port Replicator, a total of 5 USB 2.0 connectors becomes available.

vaio-online.sony.com

OFFICIAL WARRANTY

Discover unparalleled AV excitement in an entertaining notebook PC.

Wouldn't you love to enjoy DVD movies and digital sound at their finest through unrivalled notebook PC technology? Finally, you can! Experience AV excitement as never before with the entertaining VAIO A59GP. Including a fully digital amplifier in the Audio Port Replicator, a pair of supplied external speakers with exclusive audio preset, and a 17″ wide Clear Bright LCD screen with WUXGA resolution. Dazzling sound and picture quality at your command with AV-style ease, thanks to VAIO Zone in a remote controller. Imagine a personal home theatre and concert hall that fits on a coffee table, and enhances your home decor with its striking combination of mobile PC, docking unit, and speakers in a handsome harmonised design. VAIO A59GP. Discover audio-visual excitement anew!

Sony recommends Microsoft® Windows® XP Professional.

VGN-A59GP

Note: Actual products may differ in appearance from photos shown.

Premium AV enjoyment

For the first time ever, DVD movie and music lovers can experience the unparalleled VAIO A59GP for premium-quality sound components and capabilities. The VAIO A59GP comes with an Audio Port Replicator that employs Sony's advanced fully digital S-master amplifier for outstanding sonics. As an ideal complement to this combination, Sony supplies a premium pair of external two-way multimedia entertainment speakers. Each speaker unit contains a woofer and a tweeter for clear, pure wide-range high-fidelity sound, with independent volume control for optimum enjoyment. Additionally, SonicStage Mastering Studio Audio Filter offers special presets to make the most of speaker sound and also bring out the best in Sony's recommended headphones. Moreover, you have seamless AV access at your fingertips in a convenient remote controller equipped with VAIO Zone. It all adds up to exceptional home theatre and music listening pleasure for maximum AV entertainment!

DVD+R DL · DVD+ReWritable · R/RW · COMPACT disc ReWritable High Speed · DOLBY VIRTUAL SPEAKER · DOLBY DIGITAL PRO LOGIC II · GRAPHICS BY ATI MOBILITY RADEON X600

✚ Main features

Advanced HD (high-definition) video editing	Beautiful viewing: Clear Bright LCD (Dual Lamp, Wide View) / Wide 16:10	Supplied Audio Port Replicator & External Speakers	DVD video recording: One-Click DVD Video Creation	Faster network: Gigabit Ethernet / 1000BASE-T	Auto brightness adjustment: ErgoBright™ Technology	Handy presentation: Plug & Display
AV operator: Remote Controller	Compatible with various memory cards: Memory Card Adapter	Content sharing: Memory Stick Slot (Standard/Duo/PRO/MagicGate compatible)	Network freedom: Wireless LAN 802.11 b/g	Theatre sound quality: Dolby Virtual Speaker / Dolby Headphone		

✚ Basic specifications

Intel® Pentium® M Processor 780 (2.26GHz)	Microsoft® Windows® XP Professional	17.0″ WUXGA 1920 × 1200 LCD	ATI MOBILITY™ RADEON® X600 256MB HyperMemory™*	DVD±RW Drive (supporting +R DL)	1GB (DDR2) Main Memory	100GB Hard Disk Drive (Serial ATA, 5400rpm)

* HyperMemory™ is calculated as the cumulative total of local and system memory used by the Visual Processing Unit (VPU) intended for use in the processing and creation of 3D and other images. The amount of HyperMemory™ available is determined by the amount of local graphics memory and installed system memory.

Advanced architecture

The flagship VAIO A59GP notebook contains the latest progressive architecture for unrivalled excitement in sight and sound. Featuring the latest Intel® Centrino™ Mobile Technology with Intel® Pentium® M Processor 780 (2.26GHz), Intel® 915PM Express Chipset, 533MHz processor system bus, and Intel® PRO/Wireless 2200BG Network Connection for powerful mobile performance. Incorporating 100GB HDD (5400rpm) Serial ATA, 1GB DDR2 SDRAM (533MHz) main memory, and Gigabit Ethernet high-speed LAN standard. Equipped with a stunning 17″ wide Clear Bright LCD (Dual Lamp, Wide View) with WUXGA screen resolution (16:10 / WUXGA: 1920 × 1200) for extraordinary clarity and contrast in image display. And also including the ATI MOBILITY™ RADEON® X600 256MB HyperMemory™* advanced graphics chip supported by PCI Express ×16 connection and 128MB of video memory. ATI's HyperMemory™ technology can use up to 128MB from system memory to virtually raise memory capacity to 256MB during image processing and editing. Whether enjoying 3D games or video streaming, the high-definition drawing capability ensures extremely smooth results. Amazing DVD entertainment and all-round capability are now yours in a notebook PC.

* HyperMemory™ is calculated as the cumulative total of local and system memory used by the Visual Processing Unit (VPU) intended for use in the processing and creation of 3D and other images. The amount of HyperMemory™ available is determined by the amount of local graphics memory and installed system memory.

DVD videos in one click

It's easy and enjoyable! Just load your choice of DVD media on the DVD±RW drive (supporting DVD+R Double Layer disc), connect your DV or MICROMV Handycam*, and click the "Create DVD!" button of the Click to DVD software. You can even combine VAIO A59GP and one of Sony's HDV Handycams*, the HDR-HC1 or HDR-FX1, to enable high-quality HD (high definition) video editing. Enjoy your own DVD masterpiece the way you like!

*Availability depends on region.

HDR-HC1

Sony's recommended headphones* for VAIO

Inner, Open-air MDR-E931LP	**Overhead, Open-air** MDR-Q22LP
Inner, Closed MDR-EX51LP	**Overhead, Closed** MDR-V700DJ

VAIO provides an audio filter adjusted exclusively for the recommended headphones. Created at a professional music studio, this filter ensures superlative quality sound reproduction. * Availability depends on region.

Powerful software for creative minds.

DVD CREATION

With Click to DVD, you're only a click away from creating your own photo, movie + photo, or video DVD on DVD±R/RW or DVD+R Double Layer disc. You can also create 5.1 surround sound DVDs. Moreover, Roxio DigitalMedia SE lets you back up audio, image, and data files on CDs and DVDs.

Click to DVD

Roxio DigitalMedia SE

CONTENT BROWSER

VAIO Zone lets you seamlessly enjoy CDs, DVDs, music, photos, videos and other AV files through a single interface. And VAIO Media software enables AV files on your VAIO to be accessed and played by other VAIO Media-installed VAIO notebooks and PCs on your home network.

VAIO Zone

VAIO Media

MOVIES

With DVgate Plus, you can import videos from a Handycam*, trim and edit them, or export them to a Handycam*. You can also add transitions using Adobe® Premiere® Standard with VAIO Edit Components, which includes effects like sparkles. Multiple channel (4ch DV-AVI capture, 4ch/5.1ch DV-AVI output, etc.) surround sound is supported.

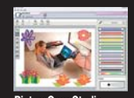
DVgate Plus

Adobe® Premiere® Standard

PHOTOS

Import images from your digital camera via USB cable or Memory Stick, then edit the files with Adobe® Photoshop® Elements. Use PictureGear Studio to place them in chronological order with Calendar View, create a slideshow, or create a photo album and print it or attach it to email.

Adobe® Photoshop® Elements



PictureGear Studio

MUSIC

Import music from the Net or CDs with SonicStage. Then transfer it to a Network Walkman* or burn your own original CDs. SonicStage Mastering Studio lets you import analogue music (Roland EDIROL AUDIO capture UA-5* USB audio interface device required) and edit it with high-quality effector modules before recording on a CD. SonicStage Mastering Studio Audio Filter can enhance any sound played on VAIO and provides excellent headphone presets.

SonicStage

SonicStage Mastering Studio

SonicStage Mastering Studio Audio Filter

* Availability depends on region.

Note: Any copying or reproduction of copyrighted material may amount to copyright infringement. Song titles, names of artists and other information shown in the SonicStage screen capture are provided for illustrative purposes only.